The purpose of my science fair project was to observe how temperature affects the rate at which alka seltzer dissolves. I became interesting in this project when I observed road salt on the road after the snow. The information gained by this experiment will help people know the fastest way to clean up salt after the snow.

My hypothesis for this project is warm temperatures s will dissolve the alka seltzer faster. I base my hypothesis on the fact that warm water dissolves spices faster.

The constants in my experiment was I used the same size pieces of alka seltzer, I used 200 mL of water, and the room was the same temperature.

The variable in my experiment was the temperature of the water.

The way that I measured the responding or dependent variable was I poured 200 mL of 70°C water into three beakers. I then placed a piece of alka seltzer in and timed the amount of time it took to stop bubbling. I repeated this with 15°C water.

The results of this experiment were alka seltzer dissolved faster in warm water. It was about two minutes faster in the warmer water. The results show that my hypothesis should be considered true.

If I were going to do this experiment again in the future or expand on this experiment I would try more temperatures of water and different amounts of water.